



10/829,587

ATTACHMENT (A)

CLAIMS FOR AMENDMENT "F"

What is claimed is:

1. (currently amended) A clear transparent composite fire retardant material having an outer side in use facing the sun and an inner side in use facing away from the sun and which comprises a film composite having a first transparent PET outer film layer containing a UV absorber[.,] with a further transparent PET film layer also containing UV absorber adhered to the inner side of the first film layer using, a polyurethane resin adhesive containing 5-15% by weight Rescorcinol bis (diphenyl phosphate) fire retardant with at least one of said two PET film layers also containing fire retardant material, the composite having a visible light transmission of up to 30% and a haze value of less than 6% and meeting a fire retardant standard in accordance with German test method DIN 4102:B2.
2. (previously presented) A composite as claimed in Claim 1 wherein the first film layer has a metallized layer on said inner side and the adhesive is applied over the metallized layer.
3. (previously presented) A material as claimed in Claim 2 wherein the metallized layer comprises a vacuum deposition of aluminium or an aluminium alloy.
4. (original) A material as claimed in Claim 3 wherein the visible light transmission is less than 5%.
5. (cancelled)
6. (cancelled)

7. (original) A material as claimed in Claim 1 wherein the adhesive contains a fire retardant such that the composite has a haze of about 5% or less.

8. (cancelled)

9. (cancelled)

10. (original) A material as claimed in Claim 1 having a scratch resistant layer coated onto the further film layer.

11. (currently amended) A solar control sun shade having an outer side in use facing the sun and an inner side in use facing away from the sun having as the shade material, a clear transparent film composite comprising a first transparent PET film outer layer containing a UV absorber with a further transparent PET film inner layer also containing a UV absorber adhered to the inner side of the first film layer using a polyurethane resin adhesive containing 5-15% by weight Resorcinol bis (Diphenyl phosphate) fire retardant with at least one of said two PET film layers also containing a fire retardant material, the composite having a visible light transmission of up to 30% and a haze value of less than meeting fire retardant standard in accordance with German test method DIN 4102:B2.

12. (original) A sun shade as claimed in Claim 11 wherein the first film layer has a metallized layer deposited on said one side thereof.

13. (original) A sun shade as claimed in Claim 10 wherein the metallized layer comprise aluminium or aluminium alloy , the two polymeric layer comprise PET film , and the composite has a haze value of less than 5%

14. (cancelled)

15. (cancelled)

16. (cancelled)

17. (original) A sun shade as claimed in Claim 11 and which also functions as a sound absorbing elements, the composite having spaced apart micro-perforations therein.

18. (previously presented) A sun shade as claimed in Claim 11 and which also functions as a sound absorbing element wherein the composite is formed with a plurality of adjacent cup shaped recesses arranged in the form of a grid.

19. (currently amended) A dual function sun shade and sound absorber having spaced apart micro-perforations therein with an outer side and an inner side facing away from the sun and which comprises a transparent clear film composite having a first transparent PET outer film layer containing a ~~UV-layer~~ UV absorber with a further transparent PET film layer also containing a UV absorber adhered to the inner side of the first film layer using a polyurethane resin adhesive layer, containing 5-15% by weight Rescorcinol bis (dephenyl phosphate) fire retardant with at least one of said two PET film layers also containing 5-15% fire retardant material, the composite having a visible light transmission of up to 30% and a

haze value of less than 6%, and meeting a fire retardant standard in accordance with German test method DIN 4102:B2 .

20. (previously presented) A shade as claimed in Claim 19 wherein the first film layer has an aluminium layer deposited on one side thereof and the micro-perforation are spaced apart 2.0mm or less.

21. (cancelled)